

Op 1646



PATENT  
Client-Matter No.: 66778-120

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
Ingraham and Krylova

Serial No.: 10/616,897

Filed: July 9, 2003

For: STEROIDOGENIC FACTOR-1  
PROTEIN VARIANTS AND  
METHODS OF MAKING  
SAME

) Group Art Unit: 1646

) Examiner: Not Yet Known

) I hereby certify that this correspondence is being  
) deposited with the United States Postal Service as first  
) class mail in an envelope addressed to: Commissioner  
) for Patents, P.O. Box 1450, Alexandria, Virginia  
) 22313-1450, on November 20, 2003.

) By: Andrea L. Gashler  
) Andrea L. Gashler, Reg. No. 41,029

) November 20, 2003  
) Date of Signature

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.97, enclosed are references relating to the above-identified application. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449, and a copy of each is enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and that their consideration be made of written record in the application file.

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 502624.

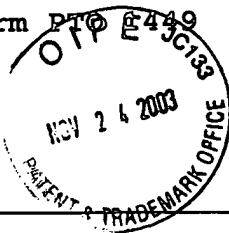
Respectfully submitted,

Date: November 20, 2003

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Form PTO #449  US Department of Commerce Patent and Trademark Office	ATTY CLIENT- MATTER NO: 66778-120	SERIAL NO. 10/616,897
	APPLICANT: Ingraham and Krylova	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: July 9, 2003	GROUP: 1646

#### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
		4,959,314	9/25/90	Mark et al.	435	69.1	2/7/85

#### FOREIGN PATENT DOCUMENTS

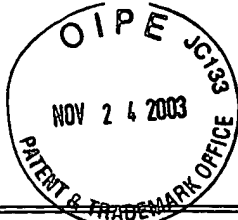
EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

#### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

		Crawford et al., "The Activation Function-2 Hexamer of Steroidogenic Factor-1 Is Required, but Not Sufficient for Potentiation by SRC-1," <u>Mol. Endocrinol.</u> 11:1626-1635 (1997).
		Egea et al., "Crystal structure of the human RXR $\alpha$ ligand-binding domain bound to its natural ligand: 9-cis retinoic acid," <u>EMBO J.</u> 19:2592-2601 (2000).
		Evans, "The Steroid and Thyroid Hormone Receptor Superfamily," <u>Science</u> 240:889-895 (1988).
		Forman et al., "Androstane metabolites bind to and deactivate the nuclear receptor CAR- $\beta$ ," <u>Nature</u> 395:612-615 (1998).

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO 1449 US Department of Commerce Patent and Trademark Office	ATTY DOCKET NO: 66778-120	SERIAL NO. 10/616,897
	APPLICANT: Ingraham and Krylova	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: July 9, 2003	GROUP: 1646

		Gangloff et al., "Crystal Structure of a Mutant hER $\alpha$ Ligand-binding Domain Reveals Key Structural Features for the Mechanism of Partial Agonism," <u>J. Biol. Chem.</u> 276:15059-15065 (2001).
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		Hammer and Ingraham, "Steroidogenic Factor-1: Its Role in Endocrine Organ Development and Differentiation," <u>Front. Neuroendocrinol.</u> 20: 199-223 (1999).
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		Ikeda et al., "Characterization of the Mouse <i>FTZ-F1</i> Gene, Which Encodes a Key Regulator of Steroid Hydroxylase Gene Expression," <u>Mol. Endocrinol.</u> 7:852-860 (1993).
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		Lala et al., "Activation of the orphan nuclear receptor steroidogenic factor 1 by oxysterols," <u>Proc. Natl. Acad. Sci. USA</u> 94:4895-4900 (1997).
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		Li et al., "Cloning and Characterization of a Novel Human Hepatocyte Transcription Factor, hB1F, Which Binds and Activates Enhancer II of Hepatitis B Virus," <u>J. Biol. Chem.</u> 273:29022-29031 (1998).

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1009 US Department of Commerce Patent and Trademark Office	ATTY DOCKET NO: 66778-120	SERIAL NO. 10/616,897
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